

ENTERED

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/015,671A

DATE: 07/15/2002 Pb

TIME: 12:15:19

Input Set : A:\GENENLAW-#104452-v1-_C47__corrected_sequence_listing.WPD Output Set: N:\CRF3\07152002\J015671A.raw

```
3 <110> APPLICANT: Baker, Kevin P.
         Botstein, David
 5
         Desnoyers, Luc
 6
         Eaton, Dan 1.
         Ferrara, Napoleone
 7
 8
         Fong, Sherman
 9
         Gao, Wei-Qiang
10
         Goddard, Audrey
         Godowski, Paul J.
11
12
         Grimaldi, Christopher J.
13
         Gurney, Austin L.
         Hillan, Kenneth J.
14
15
         Pan, James
16
         Paoni, Nicholas F.
18 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
         Acids Encoding the Same
21 <130> FILE REFERENCE: P2830P1C47
23 <140> CURRENT APPLICATION NUMBER: 10/015671A
24 <141> CURRENT FILING DATE: 2001-12-11
26 <150> PRIOR APPLICATION NUMBER: 60/098716
27 <151> PRIOR FILING DATE: 1998-09-01
29 <150> PRIOR APPLICATION NUMBER: 60/098723
30 <151> PRIOR FILING DATE: 1998-09-01
32 <150> PRIOR APPLICATION NUMBER: 60/098749
33 <151> PRIOR FILING DATE: 1998-09-01
35 <150> PRIOR APPLICATION NUMBER: 60/098750
36 <151> PRIOR FILING DATE: 1998-09-01
38 <150> PRIOR APPLICATION NUMBER: 60/098803
39 <151> PRIOR FILING DATE: 1998-09-02
41 <150> PRIOR APPLICATION NUMBER: 60/098821
42 <151> PRIOR FILING DATE: 1998-09-02
44 <150> PRIOR APPLICATION NUMBER: 60/098843
45 <151> PRIOR FILING DATE: 1998-09-02
47 <150> PRIOR APPLICATION NUMBER: 60/099536
48 <151> PRIOR FILING DATE: 1998-09-09
50 <150> PRIOR APPLICATION NUMBER: 60/099596
51 <151> PRIOR FILING DATE: 1998-09-09
53 <150> PRIOR APPLICATION NUMBER: 60/099598
54 <151> PRIOR FILING DATE: 1998-09-09
56 <150> PRIOR APPLICATION NUMBER: 60/099602
57 <151> PRIOR FILING DATE: 1998-09-09
59 <150> PRIOR APPLICATION NUMBER: 60/099642
```

60 <151> PRIOR FILING DATE: 1998-09-09



RAW SEQUENCE LISTING

DATE: 07/15/2002 TIME: 12:15:19

PATENT APPLICATION: US/10/015,671A

Input Set : A:\GENENLAW-#104452-v1-_C47__corrected_sequence_listing.WPD

Output Set: N:\CRF3\07152002\J015671A.raw

- 62 <150> PRIOR APPLICATION NUMBER: 60/099741
- 63 <151> PRIOR FILING DATE: 1998-09-10
- 65 <150> PRIOR APPLICATION NUMBER: 60/099754
- 66 <151> PRIOR FILING DATE: 1998-09-10
- 68 <150> PRIOR APPLICATION NUMBER: 60/099763
- 69 <151> PRIOR FILING DATE: 1998-09-10
- 71 <150> PRIOR APPLICATION NUMBER: 60/099792
- 72 <151> PRIOR FILING DATE: 1998-09-10
- 74 <150> PRIOR APPLICATION NUMBER: 60/099808
- 75 <151> PRIOR FILING DATE: 1998-09-10
- 77 <150> PRIOR APPLICATION NUMBER: 60/099812
- 78 <151> PRIOR FILING DATE: 1998-09-10
- 80 <150> PRIOR APPLICATION NUMBER: 60/099815
- 81 <151> PRIOR FILING DATE: 1998-09-10
- 83 <150> PRIOR APPLICATION NUMBER: 60/099816
- 84 <151> PRIOR FILING DATE: 1998-09-10
- 86 <150> PRIOR APPLICATION NUMBER: 60/100385
- 87 <151> PRIOR FILING DATE: 1998-09-15
- 89 <150> PRIOR APPLICATION NUMBER: 60/100388
- 90 <151> PRIOR FILING DATE: 1998-09-15
- 92 <150> PRIOR APPLICATION NUMBER: 60/100390
- 93 <151> PRIOR FILING DATE: 1998-09-15
- 95 <150> PRIOR APPLICATION NUMBER: 60/100584
- 96 <151> PRIOR FILING DATE: 1998-09-16
- 98 <150> PRIOR APPLICATION NUMBER: 60/100627
- 99 <151> PRIOR FILING DATE: 1998-09-16
- 101 <150> PRIOR APPLICATION NUMBER: 60/100661
- 102 <151> PRIOR FILING DATE: 1998-09-16
- 104 <150> PRIOR APPLICATION NUMBER: 60/100662
- 105 <151> PRIOR FILING DATE: 1998-09-16
- 107 <150> PRIOR APPLICATION NUMBER: 60/100664
- 108 <151> PRIOR FILING DATE: 1998-09-16
- 110 <150> PRIOR APPLICATION NUMBER: 60/100683
- 111 <151> PRIOR FILING DATE: 1998-09-17
- 113 <150> PRIOR APPLICATION NUMBER: 60/100684
- 114 <151> PRIOR FILING DATE: 1998-09-17
- 116 <150> PRIOR APPLICATION NUMBER: 60/100710
- 117 <151> PRIOR FILING DATE: 1998-09-17
- 119 <150> PRIOR APPLICATION NUMBER: 60/100711
- 120 <151> PRIOR FILING DATE: 1998-09-17
- 122 <150> PRIOR APPLICATION NUMBER: 60/100848 123 <151> PRIOR FILING DATE: 1998-09-18
- 125 <150> PRIOR APPLICATION NUMBER: 60/100849
- 126 <151> PRIOR FILING DATE: 1998-09-18
- 128 <150> PRIOR APPLICATION NUMBER: 60/100919
- 129 <151> PRIOR FILING DATE: 1998-09-17
- 131 <150> PRIOR APPLICATION NUMBER: 60/100930 132 <151> PRIOR FILING DATE: 1998-09-17
- 134 <150> PRIOR APPLICATION NUMBER: 60/101014



RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/015,671A

DATE: 07/15/2002 TIME: 12:15:19

Input Set : A:\GENENLAW-#104452-v1-_C47__corrected_sequence_listing.WPD

Output Set: N:\CRF3\07152002\J015671A.raw

- 135 <151> PRIOR FILING DATE: 1998-09-18
- 137 <150> PRIOR APPLICATION NUMBER: 60/101068
- 138 <151> PRIOR FILING DATE: 1998-09-18
- 140 <150> PRIOR APPLICATION NUMBER: 60/101071
- 141 <151> PRIOR FILING DATE: 1998-09-18
- 143 <150> PRIOR APPLICATION NUMBER: 60/101279
- 144 <151> PRIOR FILING DATE: 1998-09-22
- 146 <150> PRIOR APPLICATION NUMBER: 60/101471
- 147 <151> PRIOR FILING DATE: 1998-09-23
- 149 <150> PRIOR APPLICATION NUMBER: 60/101472
- 150 <151> PRIOR FILING DATE: 1998-09-23
- 152 <150> PRIOR APPLICATION NUMBER: 60/101474
- 153 <151> PRIOR FILING DATE: 1998-09-23
- 155 <150> PRIOR APPLICATION NUMBER: 60/101475
- 156 <151> PRIOR FILING DATE: 1998-09-23
- 158 <150> PRIOR APPLICATION NUMBER: 60/101476
- 159 <151> PRIOR FILING DATE: 1998-09-23
- 161 <150> PRIOR APPLICATION NUMBER: 60/101477
- 162 <151> PRIOR FILING DATE: 1998-09-23
- 164 <150> PRIOR APPLICATION NUMBER: 60/101479
- 165 21515 DOTAD DITTNO DAME. 1000-00-22
- 165 <151> PRIOR FILING DATE: 1998-09-23
- 167 <150> PRIOR APPLICATION NUMBER: 60/101738
- 168 <151> PRIOR FILING DATE: 1998-09-24
- 170 <150> PRIOR APPLICATION NUMBER: 60/101741
- 171 <151> PRIOR FILING DATE: 1998-09-24
- 173 <150> PRIOR APPLICATION NUMBER: 60/101743
- 174 <151> PRIOR FILING DATE: 1998-09-24
- 176 <150> PRIOR APPLICATION NUMBER: 60/101915
- 177 <151> PRIOR FILING DATE: 1998-09-24
- 179 <150> PRIOR APPLICATION NUMBER: 60/101916
- 180 <151> PRIOR FILING DATE: 1998-09-24
- 182 <150> PRIOR APPLICATION NUMBER: 60/102207
- 183 <151> PRIOR FILING DATE: 1998-09-29
- 185 <150> PRIOR APPLICATION NUMBER: 60/102240
- 186 <151> PRIOR FILING DATE: 1998-09-29
- 188 <150> PRIOR APPLICATION NUMBER: 60/102307
- 189 <151> PRIOR FILING DATE: 1998-09-29
- 191 <150> PRIOR APPLICATION NUMBER: 60/102330
- 192 <151> PRIOR FILING DATE: 1998-09-29
- 194 <150> PRIOR APPLICATION NUMBER: 60/102331
- 195 <151> PRIOR FILING DATE: 1998-09-29
- 197 <150> PRIOR APPLICATION NUMBER: 60/102484
- 198 <151> PRIOR FILING DATE: 1998-09-30
- 200 <150> PRIOR APPLICATION NUMBER: 60/102487
- 201 <151> PRIOR FILING DATE: 1998-09-30
- 203 <150> PRIOR APPLICATION NUMBER: 60/102570
- 204 <151> PRIOR FILING DATE: 1998-09-30
- 206 <150> PRIOR APPLICATION NUMBER: 60/102571
- 207 <151> PRIOR FILING DATE: 1998-09-30

RAW SEQUENCE LISTING DATE: 07/15/2002 PATENT APPLICATION: US/10/015,671A TIME: 12:15:19

Input Set : A:\GENENLAW-#104452-vl-_C47__corrected_sequence_listing.WPD

Output Set: N:\CRF3\07152002\J015671A.raw

209 <150> PRIOR APPLICATION NUMBER: 60/102684 210 <151> PRIOR FILING DATE: 1998-10-01 212 <150> PRIOR APPLICATION NUMBER: 60/102687 213 <151> PRIOR FILING DATE: 1998-10-01 215 <150> PRIOR APPLICATION NUMBER: 60/102965 216 <151> PRIOR FILING DATE: 1998-10-02 218 <150> PRIOR APPLICATION NUMBER: 60/103258 219 <151> PRIOR FILING DATE: 1998-10-06 221 <150> PRIOR APPLICATION NUMBER: 60/103314 222 <151> PRIOR FILING DATE: 1998-10-07 224 <150> PRIOR APPLICATION NUMBER: 60/103315 225 <151> PRIOR FILING DATE: 1998-10-07 227 <150> PRIOR APPLICATION NUMBER: 60/103328 228 <151> PRIOR FILING DATE: 1998-10-07 230 <150> PRIOR APPLICATION NUMBER: 60/103395 231 <151> PRIOR FILING DATE: 1998-10-07 233 <150> PRIOR APPLICATION NUMBER: 60/103396 234 <151> PRIOR FILING DATE: 1998-10-07 236 <150> PRIOR APPLICATION NUMBER: 60/103401 237 <151> PRIOR FILING DATE: 1998-10-07 239 <150> PRIOR APPLICATION NUMBER: 60/103449 240 <151> PRIOR FILING DATE: 1998-10-06 242 <150> PRIOR APPLICATION NUMBER: 60/103633 243 <151> PRIOR FILING DATE: 1998-10-08 245 <150> PRIOR APPLICATION NUMBER: 60/103678 246 <151> PRIOR FILING DATE: 1998-10-08 248 <150> PRIOR APPLICATION NUMBER: 60/103679 249 <151> PRIOR FILING DATE: 1998-10-08 251 <150> PRIOR APPLICATION NUMBER: 60/103711 252 <151> PRIOR FILING DATE: 1998-10-08 254 <150> PRIOR APPLICATION NUMBER: 60/104257 255 <151> PRIOR FILING DATE: 1998-10-14 257 <150> PRIOR APPLICATION NUMBER: 60/104987 258 <151> PRIOR FILING DATE: 1998-10-20 260 <150> PRIOR APPLICATION NUMBER: 60/105000 261 <151> PRIOR FILING DATE: 1998-10-20 263 <150> PRIOR APPLICATION NUMBER: 60/105002 264 <151> PRIOR FILING DATE: 1998-10-20 266 <150> PRIOR APPLICATION NUMBER: 60/105104 267 <151> PRIOR FILING DATE: 1998-10-21 269 <150> PRIOR APPLICATION NUMBER: 60/105169 270 <151> PRIOR FILING DATE: 1998-10-22 272 <150> PRIOR APPLICATION NUMBER: 60/105266 273 <151> PRIOR FILING DATE: 1998-10-22 275 <150> PRIOR APPLICATION NUMBER: 60/105693 276 <151> PRIOR FILING DATE: 1998-10-26 278 <150> PRIOR APPLICATION NUMBER: 60/105694 279 <151> PRIOR FILING DATE: 1998-10-26 281 <150> PRIOR APPLICATION NUMBER: 60/105807

RAW SEQUENCE LISTING

DATE: 07/15/2002 TIME: 12:15:19

PATENT APPLICATION: US/10/015,671A

Input Set : A:\GENENLAW-#104452-v1-_C47__corrected_sequence_listing.WPD

Output Set: N:\CRF3\07152002\J015671A.raw

- 282 <151> PRIOR FILING DATE: 1998-10-27
- 284 <150> PRIOR APPLICATION NUMBER: 60/105881
- 285 <151> PRIOR FILING DATE: 1998-10-27
- 287 <150> PRIOR APPLICATION NUMBER: 60/105882
- 288 <151> PRIOR FILING DATE: 1998-10-27
- 290 <150> PRIOR APPLICATION NUMBER: 60/106023
- 291 <151> PRIOR FILING DATE: 1998-10-28
- 293 <150> PRIOR APPLICATION NUMBER: 60/106029
- 294 <151> PRIOR FILING DATE: 1998-10-28
- 296 <150> PRIOR APPLICATION NUMBER: 60/106030
- 297 <151> PRIOR FILING DATE: 1998-10-28
- 299 <150> PRIOR APPLICATION NUMBER: 60/106032
- 300 <151> PRIOR FILING DATE: 1998-10-28
- 302 <150> PRIOR APPLICATION NUMBER: 60/106033
- 303 <151> PRIOR FILING DATE: 1998-10-28
- 305 <150> PRIOR APPLICATION NUMBER: 60/106062
- 306 <151> PRIOR FILING DATE: 1998-10-27
- 308 <150> PRIOR APPLICATION NUMBER: 60/106178
- 309 <151> PRIOR FILING DATE: 1998-10-28
- 311 <150> PRIOR APPLICATION NUMBER: 60/106248
- 312 <151> PRIOR FILING DATE: 1998-10-29
- 314 <150> PRIOR APPLICATION NUMBER: 60/106384
- 315 <151> PRIOR FILING DATE: 1998-10-29
- 317 <150> PRIOR APPLICATION NUMBER: 60/108500
- 318 <151> PRIOR FILING DATE: 1998-10-29
- 320 <150> PRIOR APPLICATION NUMBER: 60/106464
- 321 <151> PRIOR FILING DATE: 1998-10-30
- 323 <150> PRIOR APPLICATION NUMBER: 60/106856
- 324 <151> PRIOR FILING DATE: 1998-11-03
- 326 <150> PRIOR APPLICATION NUMBER: 60/106902 327 <151> PRIOR FILING DATE: 1998-11-03
- 329 <150> PRIOR APPLICATION NUMBER: 60/106905
- 330 <151> PRIOR FILING DATE: 1998-11-03 332 <150> PRIOR APPLICATION NUMBER: 60/106919
- 333 <151> PRIOR FILING DATE: 1998-11-03
- 335 <150> PRIOR APPLICATION NUMBER: 60/106932
- 336 <151> PRIOR FILING DATE: 1998-11-03
- 338 <150> PRIOR APPLICATION NUMBER: 60/106934
- 339 <151> PRIOR FILING DATE: 1998-11-03 341 <150> PRIOR APPLICATION NUMBER: 60/107783
- 342 <151> PRIOR FILING DATE: 1998-11-10
- 344 <150> PRIOR APPLICATION NUMBER: 60/108775
- 345 <151> PRIOR FILING DATE: 1998-11-17
- 347 <150> PRIOR APPLICATION NUMBER: 60/108779 348 <151> PRIOR FILING DATE: 1998-11-17
- 350 <150> PRIOR APPLICATION NUMBER: 60/108787
- 351 <151> PRIOR FILING DATE: 1998-11-17
- 353 <150> PRIOR APPLICATION NUMBER: 60/108788
- 354 <151> PRIOR FILING DATE: 1998-11-17

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/015,671A

DATE: 07/15/2002 TIME: 12:15:20

Input Set : A:\GENENLAW-#104452-v1-_C47__corrected_sequence_listing.WPD

Output Set: N:\CRF3\07152002\J015671A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 233

Seq#:62; N Pos. 678

Seq#:63; Xaa Pos. 196,386

Seq#:259; N Pos. 3635

Seq#:377; N Pos. 396

Seq#:422; N Pos. 1528

VERIFICATION SUMMARY

DATE: 07/15/2002

PATENT APPLICATION: US/10/015,671A

TIME: 12:15:20

Input Set : A:\GENENLAW-#104452-v1-_C47__corrected_sequence_listing.WPD

Output Set: N:\CRF3\07152002\J015671A.raw

L:680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:225 L:3983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:650 L:4075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:630
L:4075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:195
L:4111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:375
L:14036 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259 after pos.:3600
L:20633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:377 after pos.:350
L:22198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:422 after pos.:1500